

FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

☐

Location Map Pinned

☒

Card Indexed

☒

IWR for State or Fee Land

☐

Checked by Chief

PWB

Copy NID to Field Office

☐

Approval Letter

☒

Disapproval Letter

☐

COMPLETION DATA:

Date Well Completed

10/17/66

Location Inspected

☐

OW

☒

WW

TA

☐

Bond released

☐

GW

☐

OS

PA

☐

State of Fee Land

☐

LOGS FILED

Dr. L's Log

11/25/66

Electric Logs (No.)

3

E

☐

E-I

☒

GR

GR-N

☒

Micro

☐

Lat

Mi-L

Sonic

GR

Others

☐

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Monsanto Company

3. ADDRESS OF OPERATOR
900 Patterson Building, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
NE SW or 1980' FWL & 1980 FSL
At proposed prod. zone
Vertical Hole

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles South of Ismay Trading Post

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE
2,560

17. NO. OF ACRES ASSIGNED
TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1495'

19. PROPOSED DPTH
6,050 Ismay

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5185 GL est.

22. APPROX. DATE WORK WILL START*
September 16, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	48"	250'	150 SXS.

Production casing, if run, will be 5½" OD, 15.5# J-55, ST&C set through the pay and sufficiently cemented to confine all oil, gas and water bearing strata.

Well location survey plats will be mailed by the Surveyor to the U.S.G.S. District Office in Farmington, New Mexico and the Oil & Gas Conservation Commission in Salt Lake City, Utah.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. Murphy TITLE District Production Supt. DATE September 13, 1966

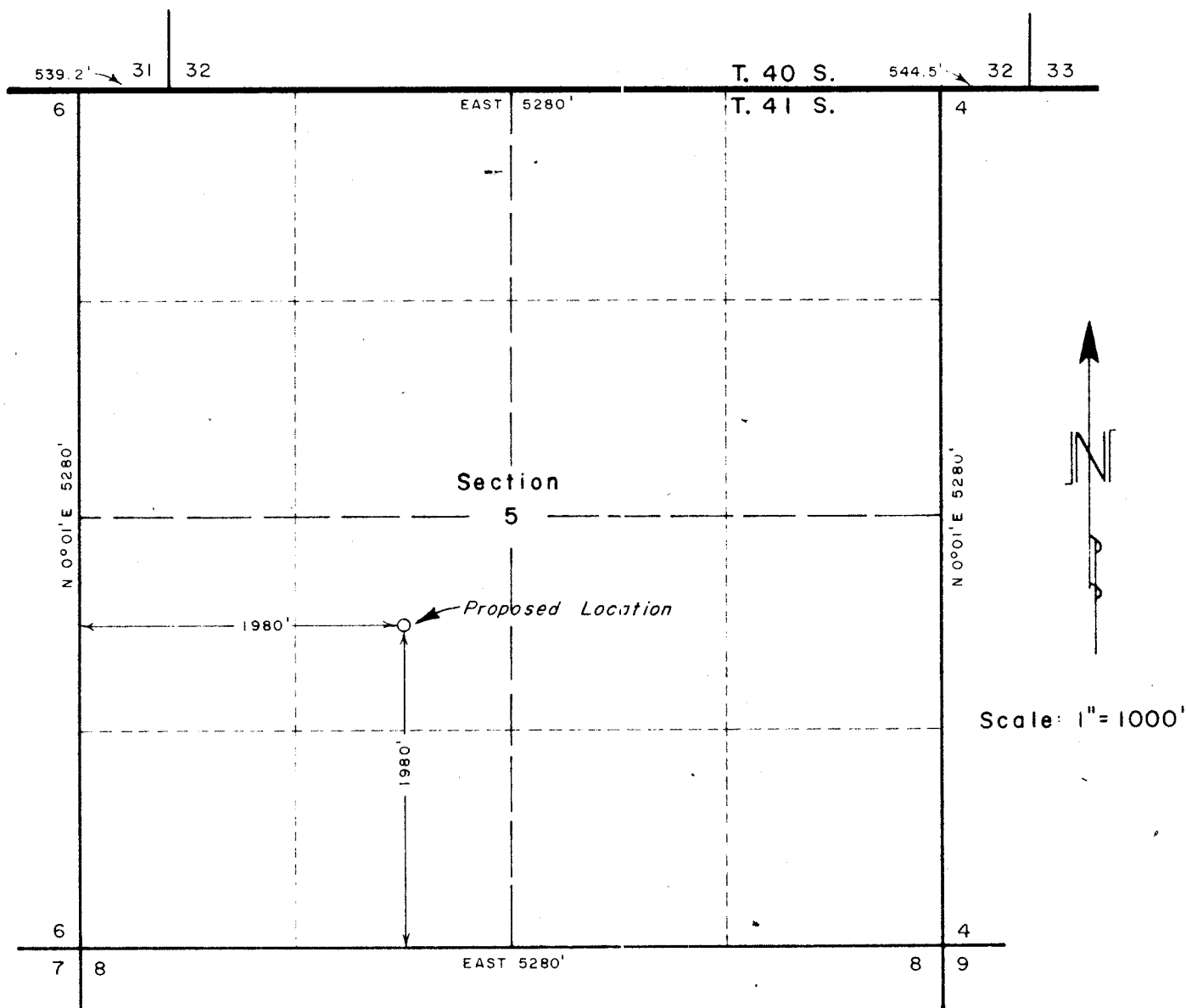
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



WELL LOCATION: Monsanto Company - South Ismay No. 5

Located 1980 feet North of the South line and 1980 feet East of the West line of Section 5,
 Township 41 South, Range 26 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 5178 feet based on U.S.G.S.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah # 2689

MONSANTO COMPANY
 Denver, Colorado

WELL LOCATION PLAT
Sec. 5 - T. 41 S. - R. 26 E.
San Juan Co., Utah

CLARK - REED & ASSOC.
 Durango, Colorado

DATE: Sept. 13, 1966
 FILE NO: 66078

STATE OF UTAH
DEPARTMENTAL MEMORANDUM

DATE:

FILE:

SUBJECT:

DEPARTMENT

DIVISION

SECTION

NOV 17 1966

September 14, 1966

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. South Ismay #5,
Sec. 5, T. 41 S., R. 26 E.,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 109-1, on March 11, 1965.

In reviewing your proposed casing program, it was noted that no intermediate string is to be set. In view of the navajo water mining activity that is taking place throughout the area, it is recommended that all necessary protection be afforded this aquifer.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period.

STATE OF TEXAS
DEPARTMENTAL MEMORANDUM

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

DATE:

FILE:

SUBJECT:

Page two

DEPARTMENT

DIVISION

DEPARTMENT

DIVISION

Enclosed please find Form OGCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your cooperation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-037-20134 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:ah

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Box 959
Farmington, New Mexico

November 15, 1966

Monsanto Company
900 Patterson Building
Denver, Colorado 80202

Re: Well No. South Ismay #5,
Sec. 5, T. 41 S., R. 26 E.,
San Juan County, Utah.

For the Month of October, 1966

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON CAMERON
RECORDS CLERK

arh

Enclosures: Forms

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIP
(Other instruction re-
verse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-708
2. NAME OF OPERATOR Monsanto Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
3. ADDRESS OF OPERATOR 900 Patterson Building, Denver, Colorado 80202	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SW or 1980' FWL & 1980' FSL.	8. FARM OR LEASE NAME So. Ismay
14. PERMIT NO.	9. WELL NO. 5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5190 GR.	10. FIELD AND POOL, OR WILDCAT McElmo Mesa
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T41S, R26E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Drilling</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

September

Well was spudded on 9/18/66 and as of 10/1/66 was drilling at 4516'.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Dist. Prod. Supt.DATE November 21, 1966

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR Monsanto Company															
3. ADDRESS OF OPERATOR 900 Patterson Building, Denver, Colorado 80202															
4. LOCATION OF WELL, (Report location clearly and in accordance with any State requirements)* At surface NE SW of 1980' FWL & 1980' FSL At top prod. interval reported below At total depth															
14. PERMIT NO. Vertical Hole				DATE ISSUED 9/15/66											
15. DATE SPUNDED 9/18/66		16. DATE T.D. REACHED 10/12/66		17. DATE COMPL. (Ready to prod.) 10/17/66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * 5190 KB		19. ELEV. CASINGHEAD 5180							
20. TOTAL DEPTH, MD & TVD 6031		21. PLUG, BACK T.D., MD & TVD 6031		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 6031		24. ROTARY TOOLS 6031							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Imay - 5932-5956								25. WAS DIRECTIONAL SURVEY MADE Max. Dev. 2 3/4 at 2327'							
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric - Gamma Ray - Sonic								27. WAS WELL CORED No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13 3/8		48#		251		17 1/2		250 exs.		None					
5 1/2		15.5#		6031'		7 7/8		150 exs.		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2 7/8		5960'			
31. PERFORATION RECORD (Interval, size and number) 5932-37 - McCullough Super Dyna Jets - 10 shots.										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										5932-37		1500 gals. acid			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)								WELL STATUS (Producing or shut-in)					
October 17, 1966		Flowing								Producing					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
10/17/66		21.5		32/64		→		834		655		143		785	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-APP. (CORR.)			
330		600		→		931		731		160		44			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY					
Sold to El Paso Natural Gas Company										J. E. Guthrie					
35. LIST OF ATTACHMENTS															

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

District Prod. Supt.

DATE

November 22, 1966

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, for both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations, location and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool-

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS		39. WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		NAME		MEAS. DEPTH	
FORMATION		TOP		TEMP. VERT. DEPTH	
1. Boundary Bed		1906		1906	
2. Boundary Bed		5002		5002	
3. Boundary Bed		5974		5974	
4. Boundary Bed		6000		6000	
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NOV 25 1968

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number So. Ismay #5
Operator Monsanto Company Address 900 Patterson Bldg.
Denver, Colorado Phone 222-5641
P. O. Box 2146
Contractor Cactus Drilling Corporation Address Farmington, N.Mex. Phone 325-6631
Location NE 1/4 SW 1/4 Sec. 5 T. 41 N. R. 26 E San Juan County, Utah.
S XX

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. Top Nava,jo	1335-1580	Not Measured	Not Available
2. Top DeChelly	3070-3140	Not Measured	Not Available
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Hermosa	4900	Bottom Ismay	5974
Upper Ismay	5823	Desert Creek	6020
Lower Ismay	5924	TD	6036

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Monsanto
C O M P A N Y

HYDROCARBONS & POLYMERS DIVISION

900 Patterson Building
Denver, Colorado 80202
(303) AComa 2-5641

December 1, 1966

The State of Utah
Oil & Gas Conservation Commission
348 East South Temple - Suite 301
Salt Lake City, Utah 84111

Attention: Mr. Cleon B. Feight
Executive Director

Re: Gas-Oil Ratio Test
Monsanto-S. Ismay No. 5 ✓
McElmo Mesa Pool
San Juan County, Utah


Gentlemen:

In compliance with Rule C-19, the following is the
gas-oil ratio test on the recently completed S. Ismay
No. 5.

Date:	November 1, 1966
Test Time:	24 Hours - Flowing
BOPD:	637 ✓
MCFPD:	697 ✓
GOR:	1094:1 ✓
Percent Water:	15% ✓
Flowing Tubing Pressure:	290 psi
Flowing Casing Pressure:	1020 psi

Very truly yours,

MONSANTO COMPANY


E. M. Scholl

EMS:rp

**STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Shut-in Oil Well		5. LEASE DESIGNATION AND SERIAL NO. 21-000708
2. NAME OF OPERATOR BHP Petroleum Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 5613 DTC Parkway, Suite 600, Englewood, CO 80155		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Sec. 5-41S-26E		8. FARM OR LEASE NAME South Ismay
14. PERMIT NO. 4303720134		9. WELL NO. 5 (09085)
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT McElmo Mesa
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5-41S-26E
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH San Juan
18. I hereby certify that the foregoing is true and correct		13. STATE Utah

RECEIVED
JUN 02 1986

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Name Change of Operator</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Monsanto Oil Company acquired by BHP Petroleum Company Inc.

18. I hereby certify that the foregoing is true and correct

SIGNED Bernard A. Wirth TITLE Regional Land Manager DATE May 30, 1986

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

pow

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WDW	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-0708
2. NAME OF OPERATOR Cross Creek Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo 090108
3. ADDRESS OF OPERATOR P.O. Box 447 Farmington N.M. 87499-0447	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface #1-660' FNL & 660' FEL/WDW #3-1847' FSL & 895' FEL/POW	8. FARM OR LEASE NAME South Ismay
14. PERMIT NO. 13.037.0013	9. WELL NO. 1, 3, 4, 5
15. ELEVATIONS (Show whether DF, RT, OR, etc.) Acct #395	10. FIELD AND POOL, OR WILDCAT McElmo Mesa
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5-41S-26E
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Change of operator <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

#4-1833' FNL & 1968' FEL/OSI
#5-1951' FSL & 1983' FWL/OSI
Formerly operated by: BHP Petroleum (Americas) Inc.
Suite 600
5613 DTC Parkway
Englewood, Colorado 80111
Now operated by: Cross Creek Corporation
P.O. Box 447
Farmington, N.M. 87499-0447

EFF. 7/20/87

RECEIVED

AUG 19 1987

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Vice President

DATE

8-17-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

(This space for Federal or State office use)

**Federal Approval of this
Action is Necessary**

(3/89)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Stock Tank Vapor Test		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-708
2. NAME OF OPERATOR Cross Creek Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P.O. Box 1957, Duncan, Ok. 73534-1957		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) Cross Creek Corp.		8. FARM OR LEASE NAME South Ismay
43-037-20072 South Ismay #3 - PW		9. WELL NO.
43-037-20134 South Ismay #5 - SOW		10. FIELD AND POOL, OR WILDCAT McElmo Mesa
43-037-20087 South Ismay #4 - SOW		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5,41s, 26e
43-037-16269 South Ismay #1 - WTW		12. COUNTY San Juan
43-037-20117 Navajo A-1 - WDW		13. STATE UT.
43-037-20164 Navajo A-3 - WTW		

P. GR. etc.)

re of Notice, Report or Other Data

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Stock Tank Vapor Test	<input checked="" type="checkbox"/>		

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION 12-17-90

all pertinent details, and give pertinent dates, including estimated date of locations and measured and true vertical depths for all markers and zones

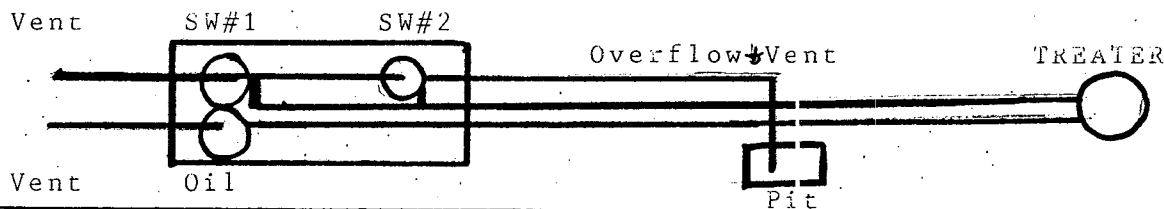
pertinent to this work.)

* Must be accompanied by a cement verification report.

Kiva Measuring, Inc.
49 Road 5500
Bloomfield, N.M. 6322762

Gastec Precision Gas Protector System
Gas Analysis H2S
Extra Low Range 10 to 120 PPM

Produced Water Tank #2 21 PPM
Produced Water Tank #1 13 PPM
Produced Oil Tank 3 PPM



18. I hereby certify that the foregoing is true and correct

SIGNED Norma Hand TITLE Clerk DATE 12-19-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-708	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Annual Report of Shutin Wells		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
2. NAME OF OPERATOR Cross Creek Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 1957 Duncan, Ok. 73534		8. FARM OR LEASE NAME South Ismay/Navajo 'A'	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1951 FSL 1983 FWL At proposed prod. zone		9. WELL NO. 5	
14. API NO. 4303720134 <i>SDW</i>		10. FIELD AND POOL, OR WILDCAT McElmo Mesa	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA 5, 41S, 26E	
12. COUNTY San Juan		13. STATE Ut	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____ Annual Report of Shutin Wells		DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START _____			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Water oil ratio requires another water disposal which will be the Navajo 'A' 1 or 3.

RECEIVED

MAR 1 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Norma Hand</u>	TITLE <u>Clerk</u>	DATE <u>3/12/91</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-708	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Annual Report of Shutin Wells		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
2. NAME OF OPERATOR Cross Creek Corporation		7. UNIT AGREEMENT NAME South Ismay/Navajo 'A'	
3. ADDRESS OF OPERATOR P.O. Box 1957 Duncan, Ok. 73534		8. FARM OR LEASE NAME South Ismay/Navajo 'A'	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		9. WELL NO. #5	
10. FIELD AND POOL, OR WILDCAT McElmo Mesa		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 5, 41S, 26E	
14. API NO. 43-037-20134		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
12. COUNTY San Juan		13. STATE Ut	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) _____		(Not: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
Annual Report of Shutin Wells APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Water to oil ratio demands a disposal well.

RECEIVED

JAN 21 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Dorinda Hand

TITLE

Clerk

DATE

1-16-92

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-708
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Cross Creek Corporation		8. FARM OR LEASE NAME South Tsmay
3. ADDRESS OF OPERATOR P.O. Box 1957 Duncan, Ok. 73534 405-255-8118		9. WELL NO. #5
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' F/WL 1980' F/S/L At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT McElmo Mesa
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE SW 5, 41S, 26E
14. API NO. 43-037-20134	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY San Juan
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

6/24/92

Pulled rods and tubing. Checked tubing, replaced pump. Well ready to produce. Proposed producing date 7/20/92.

* Must be accompanied by a cement verification report.

RECEIVED

JUL 23 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Norma Hank TITLE Clerk DATE 7/18/92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

PHONE CONVERSATION DOCUMENTATION FORM

☒ This is the original form ☐ or a copy ☐

☒ Route this form to:

☐ WELL FILE _____

☐ SUSPENSE

☒ OTHER

Section _____ Township _____ Range _____

Return date _____

OPERATOR FILE

API number _____

To: initials _____

CC: JRB

Date of phone call: 2-2-00

Time: 10:47 AM

DOGM employee (name) KRISTEN RISBECK

Initiated call? ☐

Spoke with:

Name BERTHA SPENCER

Initiated call? ☐

of (company/organization) BIA/WINDOW ROCK AZ

Phone no. (520) 871-5938

Topic of conversation: 1420603708 LEASE; WHO IS THE OPERATOR OF THE LEASE?

Highlights of conversation: PER MS. SPENCER OF THE BIA, THE TRIBE DENIED KRYSTAL ENERGY FROM TAKING OVER THE LEASE. CROSSE CREEK IS NO LONGER THE OPERATOR DUE TO NOT INCREASING THEIR BOND PER THE BIA.

THE OPERATOR (CURRENT LESSEE) RECOGNIZED BY THE BIA IS AMOCO PRODUCTION COMPANY. AMOCO IS NOW RESPONSIBLE FOR THE ABOVE LEASE.

MS. SPENCER INFORMED ME THAT AMOCO IS PLANNING ON PLUGGING THE WELLS. I REQUESTED SOME FORM OF DOCUMENTATION REGARDING THE INFORMATION; SHE WILL FAX A LETTER SHE SENT TO KRYSTAL ENERGY (SEE ATTACHED)

AUTOMATIC TELEFAX

DATE: February 3, 2000

LOCATION: BUREAU OF INDIAN AFFAIRS
Navajo Area Office (Mail Code: 543)
Window Rock, Arizona 86515

INFORMATION OR ASSISTANCE NO.: (520) 871-5938

NUMBER OF DOCUMENTS (Including cover sheet): 2

TO THE ATTENTION OF: Kirsten Risbeck - Utah Oil & Gas Mining

Office Phone Number: (801) 538-5281

TELEFAX NO.: (801) 359-3940

FROM: Bertha Spencer, Realty Specialist - Minerals & Mining Section

Office Phone Number: (520) 871-5938

Telefax Number: (520) 871-5943

MESSAGE OR INSTRUCTIONS: Attached is a copy of the letter that went to Krystal Energy. If you have any questions, you can call me at the above number.

FAXED BY: B. Spencer TIME: 11:00 hr

XXXXXXXXXXXXX
NAVAJO REGION
P. O. BOX 1060
Gallup, New Mexico 87305-1060

RRES/543

DEC 08 1999

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Bruce Nicholson
Krystal Energy
P.O. Box 3897
Window Rock, Arizona 86515

Dear Mr. Nicholson:

We are returning the proposed Assignment of Mining Lease for Navajo Tribal Oil and Gas Lease No. 14-20-603-708 between Amoco Production Company and Krystal Energy, Inc. and the proposed Assignment of Oil and Gas Lease Operating Rights between Cross Creek Corporation and Krystal Energy, Inc., without action.

By letter dated October 20, 1999 from the Navajo Nation Minerals Department, we have been advised not to process the above proposed assignments for approval at this time because Krystal Energy is currently not eligible to obtain a lease under the Navajo Nation law and due to other concerns of the Navajo Nation.

Therefore, upon receipt of this notice, you are directed to immediately cease all operation on the above lease. By a copy of this letter, the current lessee, Amoco Production Company, is instructed to immediately take over operation of the subject lease.

If you have any questions, please contact Ms. Bertha Spencer, Realty Specialist at (520) 871-5938 or Bimal Shrestha of Navajo Nation Minerals Department office at (520) 871-6587

Sincerely,

GENNI DENETSONE

 Regional Director

Enclosures

cc: Amoco Production Company, POB 800, Denver, CO. 80222 - CERTIFIED MAIL
Navajo Nation Minerals Department
Bureau of Land Management, Attn: Steve Mason, Farmington Field Office
Linda Taylor, SH/RES

Reverse
such the gummed strip is not used
to prevent the article at a post office service



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

AKED
3/3/2000

431037.20134

March 3, 2000

Ms. Bertha Spencer
Bureau of Indian Affairs
Navajo Area Office (Mail Code: 543)
Window Rock, Arizona 86515

Re: Oil & Gas Operations on Lease No. 14-20-603-708

Dear Ms. Spencer:

It was recently brought to my attention that the B.I.A. has returned, without action, a proposed Assignment of Mining Lease for the above referenced Navajo Tribal Oil and Gas Lease between Amoco Production Company and Krystal Energy, Inc., along with a proposed Assignment of Oil and Gas Lease Operating Rights between Cross Creek Corporation and Krystal Energy, Inc. The Bureau has also instructed Amoco, as current lessee, to immediately take over operation of the lease.

The Division of Oil, Gas and Mining intends to contact Amoco to request that they commence submitting various production and status reports for wells located on this lease. Our files, however, do not contain any documentation regarding lease assignments, or of Amoco's involvement with this lease. I am therefore writing to request, if possible, that copies be sent to the Division of any B.I.A. records pertaining to the following matters:

1. Documents that identify Amoco as the current lessee;
2. Documents that show which wells Amoco is responsible for (our records indicate that there are three oil wells and three water disposal wells located in this lease area);
3. Any monthly production and injection reports pertaining to the wells in this lease that are in your possession or readily available to you for the reporting periods of April 1999 to present.

Page 2
Ms. Bertha Spencer
Lease No. 14-20-603-708
March 3, 2000

Your assistance in obtaining copies of these records will be greatly appreciated. If there are costs or complications pertaining to this request, please feel free to contact me at 801-538-5275, or by email at dstaley@state.ut.us. Thank you very much.

Sincerely,



Don Staley
Information Services Manager
Oil and Gas

cc: J.R. Baza
K.D. Risbeck
Well Files:

South Ismay 1 (API 43-037-16269) 5-41S-26E
South Ismay 3 (API 43-037-20072) 5-41S-26E
South Ismay 4 (API 43-037-20087) 5-41S-26E
South Ismay 5 (API 43-037-20134) 5-41S-26E
Navajo A-1 (API 43-037-20117) 5-41S-26E
Navajo A-3 (API 43-037-20164) 5-41S-26E

Form 3160-5
 (June 1990)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993

5. Lease Designation and Serial No.
 14-20-603-708

6. If Indian, Allottee or Tribe Name
 NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 SOUTH ISMAY #5

9. API Well No.
 43-037-20134

10. Field and Pool, or Exploratory Area
 MC. ELMO MESA

11. County or Parish, State
 SAN JUAN, UTAH

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
 2. Name of Operator
 AMOCO PRODUCTION COMPANY ATTN: MARY CORLEY
 3. Address and Telephone No.
 P.O. BOX 3093 HOUSTON, TX 77253 (281) 366-2548 4491
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1980' FWL, 1980' FSL SECTION 5, T-41S, R-26E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Alarming Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

BP-AMOCO PLUGGED AND ABANDONED THE ABOVE WELL WITH THE PROCEDURES APPROVED ON 4-13-98.

SEE ATTACHED REPORT FOR DETAILED INFORMATION.

ENTERED
 AEMSS

Approved as to plugging of the well bore.
 Liability under bond is retained until
 surface restoration is completed.

RECEIVED

FEB 04 2003

DIV. OF OIL, GAS & MINING

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

of pages > 12

BY Sm

To <u>Lisha Cordova</u>	From <u>Stephen Masun</u>
Dept./Agency <u>Secre of Utah</u>	Phone # <u>305 599 6364</u>
Fax # <u>801-539-3940</u>	Fax # <u>505-599 8997</u>

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

14. I hereby certify that the foregoing is true and correct

Signed Mary Corley
 (This space for Federal or State official use)

Title R. Reguley Analyst

Date 11/7/00

Approved by _____
 Conditions of approval, if any:

Title _____

REPTED FOR RECORD

NOV 14 2000

This 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully making any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

P&A OPERATION CEMENT SERVICE REPORT

WELL NAME: SOUTH ISMAY #5

TOTAL PLUGS SET: 5

DATE STARTED: 10-20-00

TOTAL SACKS USED: 415 sx32

DATE COMPLETED: 10-31-00

BLM WITNESS: M. WADE

OPERATOR WITNESS: N/A

MOL AND RU RIG AND PLUGGING EQUIPMENT. NU RELIEF LINE AND BLED DOWN WELL. RU HOT OILER AND PRESSURE TEST TBG TO 500 PSI AND HELD. UNSEAT PUMP AND HOT OIL RODS. POH AND LD 236- 7/8" RODS. ND WELLHEAD AND NU BOP, TEST BOP. POH AND STRAP 5971.04' OF 2 7/8" TBG.

PLUG #1 (ISMAY, 5740' - 5854'),

RU WIRELINE AND RIH WITH 5 1/2" CIBP AND SET AT 5850'. POH. RIH OPEN ENDED WITH TBG AND TAGGED TOP OF CIBP. CIRCULATED HOLE CLEAN WITH WATER. ATTEMPTED TO PRESSURE TEST CASING BUT INJECTED AT 1 BPM WITH 200 PSI. BALANCED 15 SX CL. G CEMENT PLUG ON TOP OF CIBP. POH. RIH WITH WIRELINE AND TAGGED TOC AT 5705'.

PLUG #2 (HERMOSA, 4766' - 4960'),

PUH AND PERFORATED SQUEEZE HOLES AT 4960'. POH. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 4896'. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 3 BPM WITH 1200 PSI, COMMUNICATED THROUGH CASING. MIXED 58 SX CL. G CEMENT PLUG, PLACING 43 SX BELOW AND 15 SX ABOVE RETAINER. POH. RIH WITH WIRELINE AND TAGGED TOC AT 4676'.

PLUG #3 (DECHELLY, 3020' - 3120'),

PUH AND PERFORATED SQUEEZE HOLES AT 3120'. POH. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 3078'. ATTEMPTED TO PRESSURE TEST CSG BUT INJECTED AT 1 BPM WITH 200 PSI. STUNG INTO RETAINER AND ESTABLISHED INJECTION RATE AT 2 BPM WITH 1500 PSI. MIXED 48 SX CL. G CEMENT PLUG, PLACING 36 SX BELOW AND 12 SX ABOVE RETAINER. POH AND WOC. RIH WITH WIRELINE AND TAGGED TOC AT 2719'.

PLUG #4 (CHINLE, NAVAJO, 1836' - 1968'),

PUH AND PERFORATED SQUEEZE HOLES AT 1968'. POH. PU AND RIH WITH 5 1/2" RETAINER AND SET AT 1910'. ATTEMPTED TO PRESSURE TEST CSG BUT INJECTED AT 1 BPM WITH 200 PSI. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 3 BPM WITH 1000 PSI. MIXED 100 SX CL. G CEMENT PLUG, PLACING 85 SX BELOW AND 15 SX ABOVE RETAINER. POH. WOC. RIH WITH WIRELINE AND TAGGED TOC AT 1836'.

PLUG #5 (SHOE, SURFACE, 0' - 310'),

PUH AND PERFORATED SQUEEZE HOLES AT 310'. POH. PU AND RIH WITH RETAINER AND SET AT 248'. CSG STILL DID NOT TEST. MIXED 194 SX CL. G CEMENT PLUG, PLACING 165 SX BELOW AND 29 SX ABOVE RETAINER TO CIRCULATE GOOD CEMENT TO SURFACE INSIDE AND OUTSIDE CASING. POH. RD FLOOR AND DUG CELLAR. CUT OFF WELLHEAD, CEMENT AT SURFACE. INSTALLED DRY HOLE MARKER. RD RIG AND MOL.

NATHAN E. CRAWFORD.
P&A SUPERVISOR